

What is claimed is:

1. A liquid adjuvant comprising

a) one or more surfactants of the formula (I),
$$\text{Ar-O-(CHR}^1\text{-CHR}^2\text{-O-)}_y\text{-R}^3 \quad (\text{I})$$

where

Ar is aryl which is substituted by at least two (C₁-C₃₀)alkyl radicals,

R¹ is H or (C₁-C₆)alkyl,

R² is H or (C₁-C₆)alkyl,

R³ is H, an unsubstituted or substituted (C₁-C₃₀) hydrocarbon radical, a sulfonate radical, a phosphonate radical or an acyl radical, and

y is an integer from 1 to 100, and

b) one or more fatty acid esters.

2. A liquid adjuvant as claimed in claim 1 wherein, in formula (I), y is an integer from 1 to 20.

3. A liquid adjuvant as claimed in claim 1, wherein, in formula (I),

Ar is a naphthyl or phenyl residue having 3 - 7 (C₁-C₁₀)alkyl radicals attached to it,

R¹ is H or methyl,

R² is H or methyl,

R³ is H, (C₁-C₃₀)alkyl, (C₂-C₃₀)alkenyl, (C₂-C₃₀)alkynyl, a sulfate radical, a phosphate radical or an acyl radical, and

y is an integer from 1 to 20.

4. A liquid adjuvant as claimed in claim 1, wherein the fatty acid ester b) is a natural oil or a synthetic oil.

5. A liquid adjuvant as claimed in claim 1, wherein the fatty acid ester b) is a vegetable oil or an animal oil.

6. A liquid adjuvant as claimed in claim 1, wherein the fatty acid ester b) is a rapeseed oil.

5 7. A liquid adjuvant as claimed in claim 1, additionally comprising one or more auxiliaries conventionally used in crop protection.

8. A process for the preparation of a liquid adjuvant as claimed in claim 1, wherein the components are mixed with each other.

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9. The use of a liquid adjuvant as claimed in claim 1 for the preparation of an agrochemical composition.

10. An agrochemical composition comprising

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α) one or more liquid adjuvants as defined in claim 1, and

β) one or more agrochemical active substances.

11. An agrochemical composition as claimed in claim 10, wherein the agrochemical active substance is a herbicide.

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12. An agrochemical composition composition as claimed in claim 11, wherein the agrochemical active substance is a sulfonylurea.

13. An agrochemical composition as claimed in claim 10, additionally comprising one or more further components selected from the group of the agrochemical active substances and the auxiliaries conventionally used in crop protection.

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14. A method for controlling harmful organisms, wherein the components of the agrochemical composition as defined in claim 10 are applied together or separately to the harmful organisms or the locations at which they occur.

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15. A method for controlling harmful plants, wherein the components of the herbicidal composition as defined in claim 11 are applied together or separately to the plants, plant parts, seeds of the plants or the area on which the plants grow.

5 16. A method as claimed in claim 15 for the selective control of harmful plants in plant crops.

17. The use of the agrochemical composition defined in claim 10 for controlling harmful organisms.

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18. The use of the herbicidal composition defined in claim 11 for controlling harmful plants.

15 19. A process for the preparation of an agrochemical composition as defined in claim 10, wherein the components are mixed with each other.